SAMSUNG

SIDE BY SIDE REFRIGERATOR

RS275** RS277**

Write the model and serial number here:

Model # _____

Serial # _____

Find these numbers on a label of the refrigerator's cabinet on the left hand-side wall.

OWNER'S MANUAL AND INSTALLATION

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Register your product at www.samsung.com/global/register

DA99-01506B REV(0.0)

SAFETY WARNING SIGNS

WARNING

- Before operating the appliance, please read and retain this manual thoroughly for your reference.
- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual.
- The appliance is not intended for use by children or infirm persons without adult supervision.
- Children should be supervised to ensure that they do not play with the appliance.

CAUTION/WARNINGS USED

WARNING	Indicates that a danger of death or serious injury exists.
CAUTION	Indicates that a risk of personal injury or material damage exists.

OTHER SIGNS USED

	Represents something you must NOT do.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents that a ground is needed to prevent electric shock.
	It is recommended that this should be handled by a service center.

To prevent injury to users or other persons, please follow the safety warning signs. After reading this owner's manual, please keep it in a safe place for reference.

WARNING SIGNS

Do not plug several appliances into the same multiple receptacle.
- This could cause overheating and the risk of fire.

Make sure that the power plug is not squashed or damaged by the back of the refrigerator .
- A damaged power plug may cause overheating and fire.

Do not directly spray water inside or outside the refrigerator/ freezer.
- There is a risk of electric shock.

Do not use aerosols near the refrigerator .
- There is a risk of explosion or fire.

Do not bend the power cord excessively or place heavy articles on it .
- This constitutes a fire hazard. If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.

Do not insert the power plug with wet hands.
- You may receive an electric shock.

Do not put a container filled with water on the refrigerator.
- If spilled, there is a risk of fire or electric shock.

Do not install the refrigerator in a damp place or a place where it may come in contact with water.
- Deteriorated insulation of the electrical parts may cause electric shock or fire.

Do not store volatile or flammable substances in the refrigerator.
- The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.

Do not disassemble or repair the refrigerator by yourself.
- You run the risk of causing a fire, malfunctions and/or personal injury.

Pull the power plug out of the socket before changing the refrigerator's interior light.
- Otherwise, there is a risk of electric shock.

If you wish to dispose of the refrigerator, throw it away by first removing the doors and seals.
- Do so in a way that it is not possible for a child to remain trapped inside.

The refrigerator must be grounded.
- You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.

Never use gas pipes, telephone lines or other potential lightning rods as ground.
- Improper use of the ground plug can result in a risk of electric shock. If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade ground plug and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be AC 115V~120V, 10A, or more. If a grounding adapter is used, make sure the receptacle box is fully grounded.

SAFETY WARNING SIGNS

CAUTION SIGNS

Do not overfill the refrigerator with food.
- When you open the door, an item may fall out and cause personal injury or material damage.

Do not put bottles or glass containers in the freezer.
- When the contents freeze, the glass may break and cause personal injury.

If the wall socket is loose, do not insert the power plug.
- There is a risk of electric shock or fire.

Do not disconnect the power cord by pulling on it.
- Damage to the cord may cause a short-circuit, fire and/or electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or qualified service personnel.

Do not store articles on the top of the appliance.
- When you open or close the door, the articles may fall and cause personal injury and/or material damage.

Do not store pharmaceutical products, scientific materials and temperature-sensitive products in the refrigerator.
- Products that require strict temperature controls must not be stored in the refrigerator.

Do not let children hang on the door because a serious injury may occur.

If you sense pharmaceutical smells or smoke, pull out the power plug immediately and contact your SAMSUNG Electronics service center.

Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- It may cause frostbite.

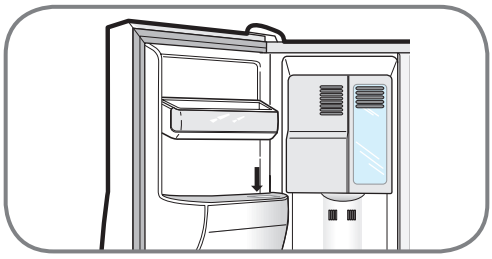
Do not insert your hands into the bottom area under the appliance.
- Any sharp edges may cause personal injury.

Never put fingers or other objects into the dispenser hole and ice chute. It may cause personal injury or material damage

Be careful not to damage the door switches on the inside walls or middle of the refrigerator.
- If they are damaged, refrigerator does not operate well.

DANGER

Risk of child entrapment. Before you throw away your old refrigerator or freezer
- Take off the doors
- Leave the shelves in places so that children may not easily climb inside.



Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter or dust from the power plug pins.
- Otherwise there is a risk of causing a fire.

- If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.

If the refrigerator is not to be used for a long period of time, pull out the power plug.
- Deterioration in the insulation may cause fire.

- The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

- Do not place the equipment directly under the sunlight, etc.

- The appliance must be positioned so that the plug is accessible after installation.

- If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or a qualified service personnel.

- If you have a long vacation planned, empty the refrigerator and turn it off. Wipe excess moisture from the inside and leave the doors open. Otherwise, odor and mold may develop.

Service warranty section
- Any changes or modifications performed by a 3rd party on a finished product is not covered under Samsung warranty service

Safety Caution section
- Samsung does not recommend 3rd party modification, therefore Samsung is not responsible for safety issues that result from 3rd party modifications.

SETTING UP THE REFRIGERATOR

Once you have performed the following steps, your refrigerator should be fully operational. If-not, check the power supply and electricity source. If you have any questions, contact your SAMSUNG service center.

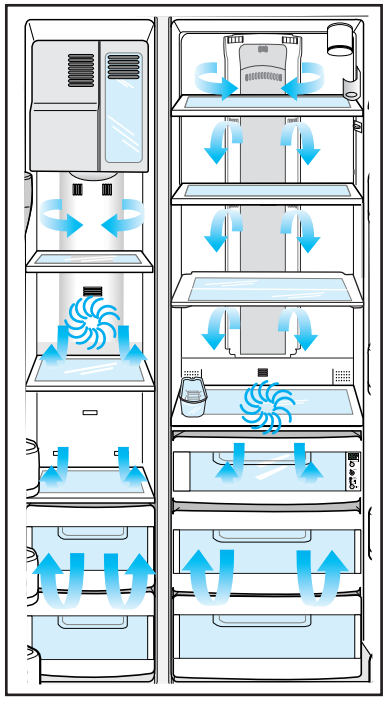
1 Place the refigerator in an appropriate location with reasonable clearance between the wall and the refrigerator. (refer to installation instructions in this manual)

2 When the refrigerator is plugged in, the interior light should come on when you open the doors.

3 Set the temperature control to the coldest temperature and wait for an hour. The freezer should get slightly chilled and the motor should run smoothly.

4 Once the refrigerator temperature is sufficiently low, you can store food in the refrigerator. After starting the refrigerator, it takes a few hours to reach the appropriate temperature.

MAJOR FEATURES



Twin Cooling System
- The refrigerator and the freezer have two evaporators. Given this independent system, the freezer and the refrigerator are cooled individually and are, therefore, more efficient. Food odor from the refrigerator does not affect food in the freezer due to separate air flow circulation.

Multi-Flow System
- Cool air circulates through multiple vents on every shelf level. This provides even distribution of cooling inside cabinets to keep your food fresh longer.

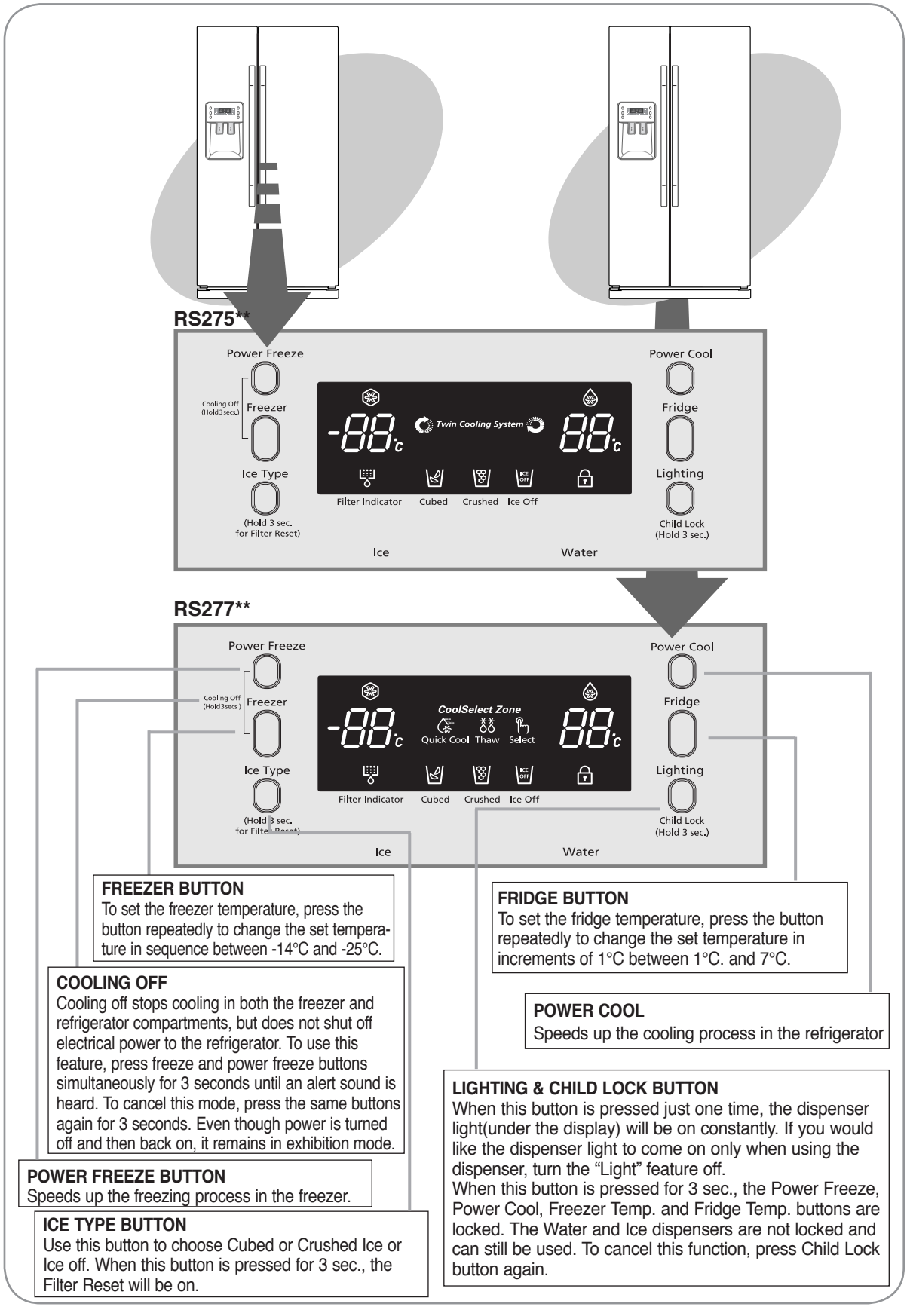
Xtra Space™
- Vertical room next to the ice maker in the freezer provides space for pizza etc.

Door Alarm
- Beeper reminds you that the door is open.

Xtra Fresh™
- Optimized humidity control keeps vegetables & fruits fresh.

CoolSelect Zone™ Drawer (RS277)
- User can select Quick Cool, Thaw and Select buttons to quickly chill, thaw and cool items. Select Soft Freeze, Cool or Chill to control the temperature of drawer.

CONTROL PANEL



FREEZER BUTTON
To set the freezer temperature, press the button repeatedly to change the set temperature in sequence between -14°C and -25°C.

COOLING OFF
Cooling off stops cooling in both the freezer and refrigerator compartments, but does not shut off electrical power to the refrigerator. To use this feature, press freeze and power freeze buttons simultaneously for 3 seconds until an alert sound is heard. To cancel this mode, press the same buttons again for 3 seconds. Even though power is turned off and then back on, it remains in exhibition mode.

POWER FREEZE BUTTON
Speeds up the freezing process in the freezer.

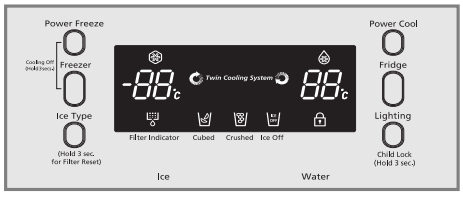
ICE TYPE BUTTON
Use this button to choose Cubed or Crushed Ice or Ice off. When this button is pressed for 3 sec., the Filter Reset will be on.

FRIDGE BUTTON
To set the fridge temperature, press the button repeatedly to change the set temperature in increments of 1°C between 1°C. and 7°C.

POWER COOL
Speeds up the cooling process in the refrigerator

LIGHTING & CHILD LOCK BUTTON
When this button is pressed just one time, the dispenser light(under the display) will be on constantly. If you would like the dispenser light to come on only when using the dispenser, turn the “Light” feature off.
When this button is pressed for 3 sec., the Power Freeze, Power Cool, Freezer Temp. and Fridge Temp. buttons are locked. The Water and Ice dispensers are not locked and can still be used. To cancel this function, press Child Lock button again.

DIGITAL PANEL



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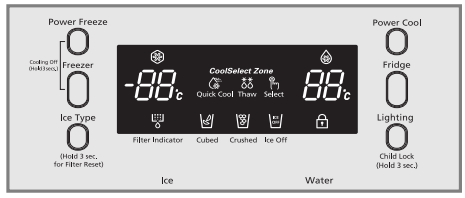


RS275** RS277**

Freezer indicates the current freezer temperature.
Fridge indicates the current refrigerator temperature.
Quick Cool, Thaw, and Select show the status of the CoolSelect Zone™ Drawer

Power Freeze

- This indicator turns on when you press the Power Freeze button. Press this button to quickly return the freezer to its set temperature.
- This feature enables you to get ice faster.
- Press the button again to cancel the Power Freeze mode.

If you use this function, energy consumption will increase. Please turn off when not using this function.

Power Cool

- This indicator goes on when you press the Power Cool button. Press this button to quickly return the refrigerator to its set temperature.
- Press this button again to cancel the Power Cool mode.

Cubed Ice, Crushed Ice and Ice Off

- Press the Ice Type button to choose Cubed Ice, Crushed Ice or Ice Off to stop making ice.
- Lit icon indicates the ice type currently chosen.

Filter Indicator

- Change filter every 6 months. If indicator is purple, the filter has 1 month left. If indicator is red, quick replacement is strongly recommended.
- When the water filter is replaced, reset the indicator by pressing the Ice Type button for 3 seconds.
- To turn this indicator off, press the Ice Type and Child Lock buttons simultaneously and hold for 5 seconds.

DEMO MODE

CAUTION

Canceling Exhibition Mode

In case of Exhibition Mode, It seems working but doesn't make cool air. To cancel this mode, press Power Freeze and Freezer buttons at the same time for 3 seconds until a "Ding-Dong" sounds off.

TEMPERATURE CONTROL

Freezer

- The freezer temperature can be set between -14°C and -25°C.
- Press the **Freezer.** button **repeatedly** until the desired set temperature is shown in the temperature display.
- The temperature display changes in sequence between -14°C and -25°C. When the display reaches -14°C, and if the button is pressed again, it returns to -25°C.
- After five seconds, the display reverts to the actual freezer temperature. The unit will then work to adjust to the new desired temperature.

Refrigerator

- The refrigerator temperature can be set between 7°C and 1°C.
- Press the **Fridge.** button repeatedly until the desired temperature is shown in the temperature display.
- The temperature display changes in sequence and reverts in the same way as the freezer.

WARNING

- When ice cream is stored above -16°C in freezer, it may melt.
- The temperature of the freezer or the refrigerator rises from frequent openings and from warm food. This may cause the digital display to blink. The digital display will stop blinking when the freezer and refrigerator return to normal temperature.

If the temperature control does not reset the temp, unplug the refrigerator, wait 9 min, then plug it back in.

ICE and COLD WATER DISPENSER

Press the Ice Type button to select the type of ice:

- Cubed ice

- Crushed ice

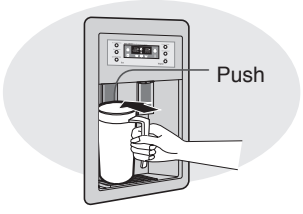
- No ice

NOTE

If the Ice remains in the Ice bucket, cubed ice is obtained. Ice stays in cube form and is crushed when the Crushed ice button is pressed.

Push the ice dispenser lever with a cup.

- Place a cup in line with the dispenser to prevent ice from jumping out.



NOTE

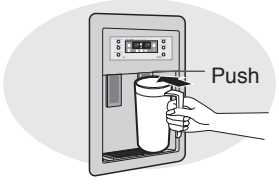
To avoid injury, never put fingers or any other objects in the dispenser opening.

Water Dispenser

The capacity of the water tank is approximately 1liter.

Cold Water

- Push the water dispenser lever with a cup.
- If you have just installed the refrigerator or installed a new water filter, throw away the first six glassfuls of water or until water flows cleanly to flush out impurities in the water supply system.

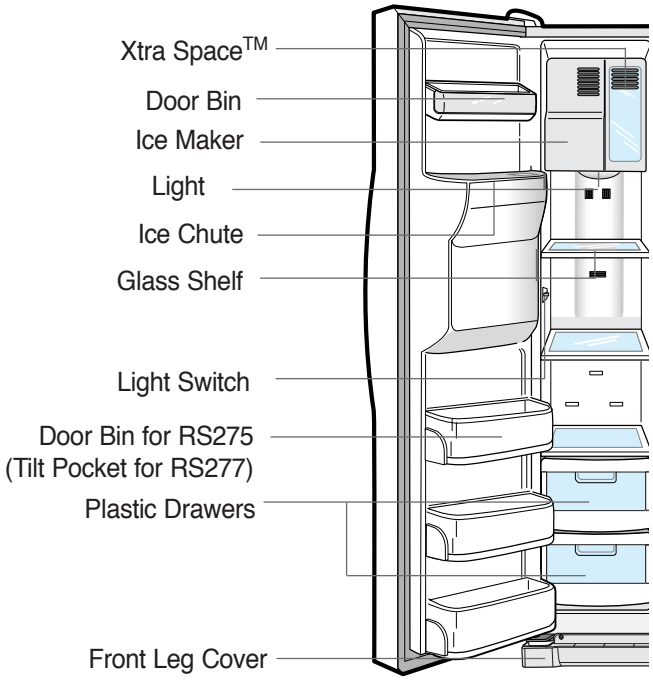


CAUTION

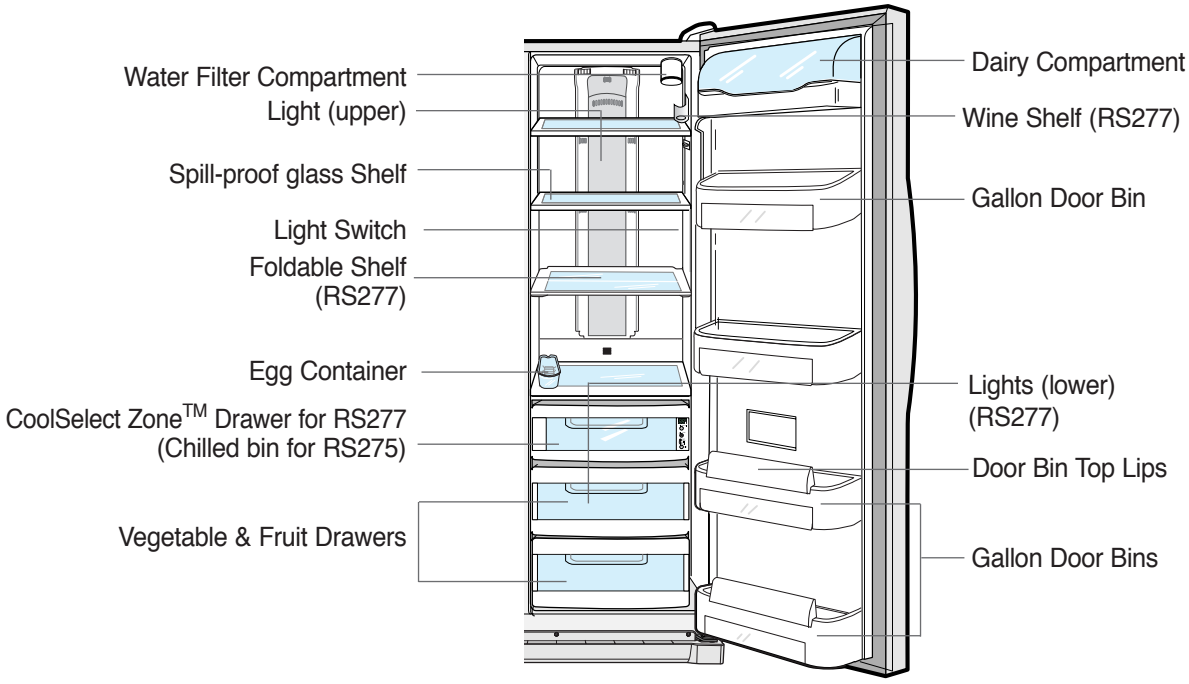
If you won't use the water or ice dispensers for a long period, close the water valve and shut off the water supply to the refrigerator. Otherwise, water may leak.

SHELVES AND BINS

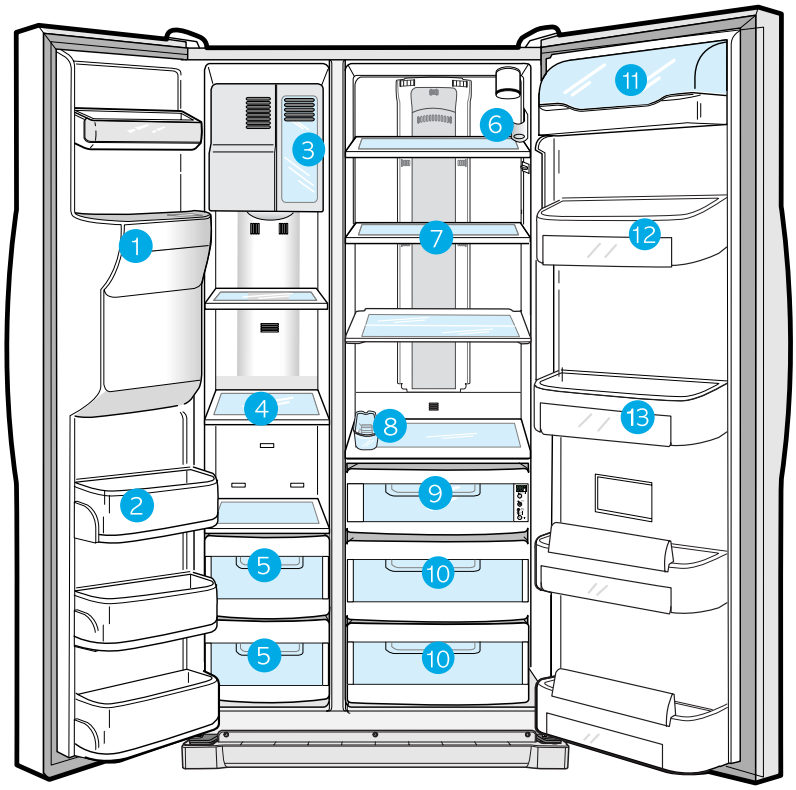
Freezer



Refrigerator



FOOD STORAGE GUIDE



FROZEN FOOD STORAGE IN FREEZER

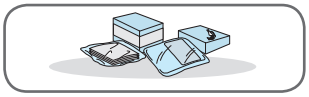
1 **Ice chute**

WARNING

Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket, as this may result in personal injury or may damage the part.

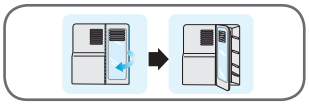
2 **Door Bin (Tilt Pocket, RS277**)**

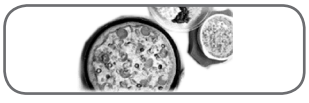
- Can be used for small packages of frozen food.



3 **Xtra Space™**

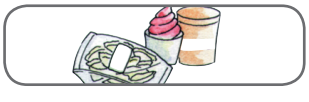
- Can be used for frozen foods such as pizza, pasta, burritos, and fajitas.
- In order to prevent odor penetration to the ice, stored food should be wrapped securely.





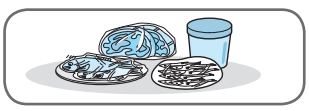
4 **Tempered Glass Shelf**

- Can be used to store all types of frozen food.



5 **Plastic Drawer**

- Can be used to store meats and dry foods. Stored food should be wrapped securely using foil or other suitable wrapping materials or containers.

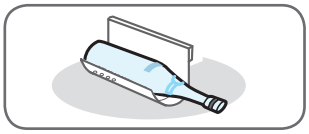


FOOD STORAGE GUIDE

CHILLED FOOD STORAGE IN REFRIGERATOR

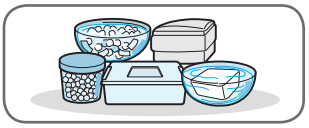
6 **Wine Shelf (RS277**)**

• Place your wine bottles on the shelf to maintain their taste.



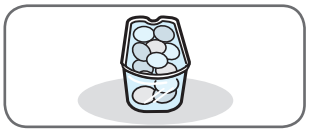
7 **Tempered Spill Proof Glass Shelf**

• Can be used to store all types of chilled food.
• Safe and break resistant.
• Circular marks on the glass surface are a normal phenomenon.



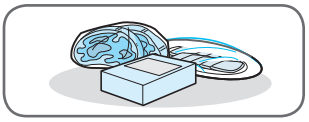
8 **Egg Container**

• Put eggs in the container and place them on the shelf.



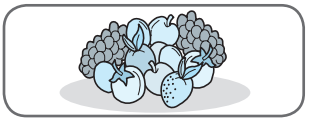
9 **Chilled Bin or CoolSelect Zone™ Drawer**

• Helps to preserve the taste of food and prolongs its freshness. Use to store cheese, meat, poultry, fish or any other food.



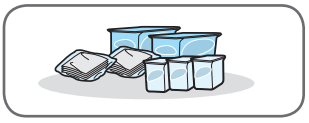
10 **Fruit & Vegetable Drawer (Upper and Lower)**

• Is used to store fruits and vegetables.
• This drawer is airtight. Optimized humidity control design helps to preserve the freshness of the stored vegetables and fruits.



11 **Dairy Compartment**

• Can be used to store butter or margarine.



12 **13** **Gallon Door Bins**

• Can be used to store foods in packages, such as milk and yogurt.

WARNING

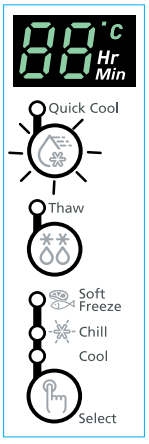
• If you have a long vacation planned, empty the refrigerator and turn it off. Wipe excess moisture from the inside and leave the doors open. Otherwise, odor and mold may develop.

CoolSelect Zone™ Drawer GUIDE

RS277**

“Quick Cool” Button

- You can use the Quick Cool feature with the CoolSelect Zone™.
- “Quick Cool” allows 1~3 canned beverages to cool within 60 min.
- To cancel this option, press the “Quick Cool” button again. CoolSelect Zone™ returns to the previous temperature.
- When “Quick Cool” ends, it returns to the “Cool” temperature setting.

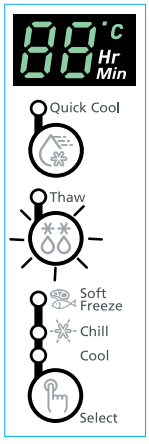


NOTE Depending on the beverages, the cool-down time may vary.

NOTE
- When the “Quick Cool” option is selected, remove food stored in the CoolSelect Zone™ Drawer that you do not want to cool.

“Thaw” Button

- After “Thaw” is selected, warm and cold air is alternately supplied into the CoolSelect Zone™ Drawer .
- Depending on the weight of the meat, thawing time can be selected for 4 hrs, 6 hrs, 10 hrs, or 12 hrs, keeping the meat partially frozen.
- When “Thaw” ends, the CoolSelect Zone™ display returns to “chill” condition.
- **When “Thaw” ends, meats are in a half-frozen state so it is easy to cut them for cooking.**
- To cancel this option, press any button other than the “Thaw” button.
- The approximate thawing times of meat and fish are shown below. (Based on 2.5Cm thickness)



Thaw Time	4 hours	6 hours	10 hours	12 hours
Weight	0,35 kg	0,60 kg	0,77 kg	1 kg

NOTE
Depending on the size and thickness of the meat and fish, the thawing time may vary.
The above chart represents the total weight of food in the CoolSelect Zone™ Drawer.
Ex) The total thawing time for 0,60Kg frozen beef and 0,35Kg frozen chicken will be 10 hours.

NOTE
- When the “Thaw” option is selected, be sure to remove food stored in the CoolSelect Zone™ Drawer that you do not want to thaw.

CoolSelect Zone™ Drawer GUIDE

“Select” Button

1 Soft Freeze

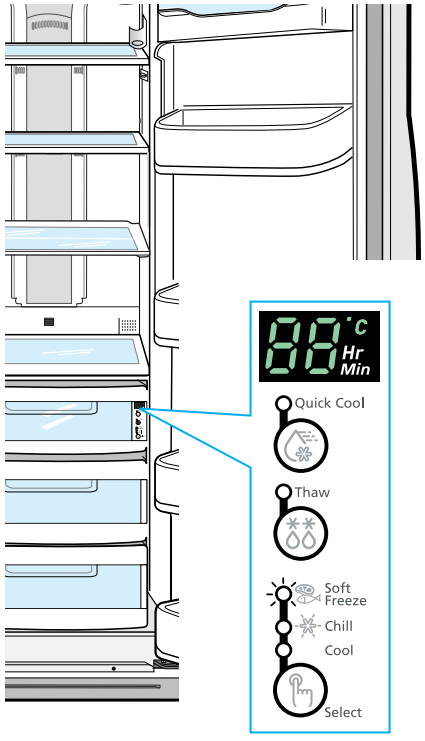
- When “Soft Freeze” is selected, the temperature on the digital panel displays -5°C all the time as soon as, regardless of the set temperature of the refrigerator.
- “Soft Freeze” temperature helps keep meat and fish fresh for longer.

2 Chill

- When “Chill” is selected, the temperature of the CoolSelect Zone™ Drawer is kept at -1°C, regardless of the set refrigerator temperature.
- “Chill” temperature helps keep meat or fish fresh for longer.

3 Cool

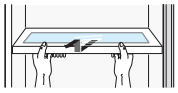
- When “Cool” is selected, the temperature will be the same as the set temperature of the refrigerator. The digital panel shows the same temperature as that of the Control panel.
- The CoolSelect Zone™ Drawer allows extra refrigerator space.



REMOVING THE FREEZER ACCESSORIES

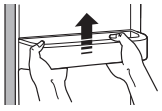
1 **Glass Shelf**

- Pull the shelf out as far as it goes. Then lift it and remove it.



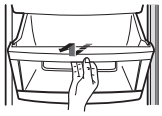
2 **Door Bin**

- Hold the door bin with both hands and then lift it.



3 **Plastic Drawer**

- Remove the drawer by pulling it out and lifting it slightly.

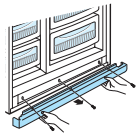


4 **Ice Maker Bucket**

- Remove the bucket by lifting and pulling out.

5 **Front Leg Cover**

- Open the freezer and refrigerator doors, remove three screws and detach the cover.
- To reassemble the front leg cover, put it back to original position and tighten the three screws.



NOTE

- Do not use excessive force when removing the cover. It may cause an injury.

REMOVING THE REFRIGERATOR ACCESSORIES

1 **Spill Proof Glass Shelf**

- Pull the shelf out to full extension. Then lift it and gently remove it.

2 **Vegetable & Fruit Drawer**

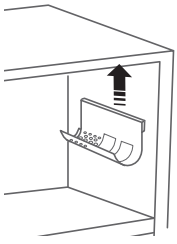
- Remove the drawer by holding the handle, pulling the drawer out and lifting it smoothly.
- Remove the optimized humidity control cover by pulling it towards you.

3 **Gallon Door Bin**

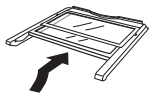
- Hold the bin with both hands and remove it by lifting it.

4 **Wine Shelf (RS277**)**

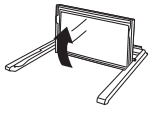
- It is attached to the cabinet wall. To remove the wine shelf, lift it in the direction of the arrow as shown.
- Simply take the shelf out of the tabs.



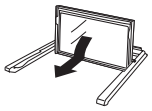
5 **Foldable Shelf (RS277**)**



- Hold the front side of the shelf, lift the bottom, and push it to the back.



- Rotate the shelf upward and push it to the back.



- When you want to use the Full shelf, hold the front side of the shelf and pull it forward to the original position.

NOTE

- It is sometimes difficult to pull down the foldable shelf depending on the position of the upper shelf. Use the space between the foldable shelf and the wall of the refrigerator, hold the side of the shelf and rotate it to the original position.

NOTE

- Before removing the freezer and refrigerator accessories, please move the stored foods.

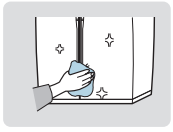
CLEANING THE ACCESSORIES

Interior

- Clean the accessories with a mild detergent, then wipe out with a dry cloth.
- After washing the accessories, make sure that they are dry before using them again.

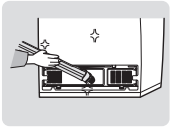
Exterior

- Wipe the digital panel and display panel with a clean cloth.
- Clean the surface of doors, handles and cabinet with a mild detergent and soft cloth, then wipe off the surface with a dry cloth.
  - Do not use Benzene, Thinner or Clorox™ for cleaning
  - Do not spray water directly on the surface of the refrigerator while cleaning.
- The exterior part of the refrigerator should be polished once or twice a year.



Rear

- Use a vacuum cleaner to remove dust once or twice a year.



WARNING

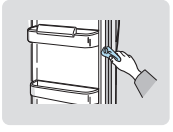
- Do not remove the cover since there is a risk of electric shock.

Ice and water dispenser

- Use a damp cloth to clean the ice and water dispenser. Then wipe it out with a dry cloth.
- To keep drainage grid dry, do not touch the ice and water dispenser.

Rubber door seals

- If the rubber door seals are dirty, the door will not close properly. The refrigerator will not function efficiently. Clean the doors with a mild detergent and damp cloth. Then wipe with a dry cloth.



WARNING

- Do not spray the refrigerator with water. It may cause a serious electric shock.
- Do not clean it with benzene, thinner or car detergent. There is a danger of fire.

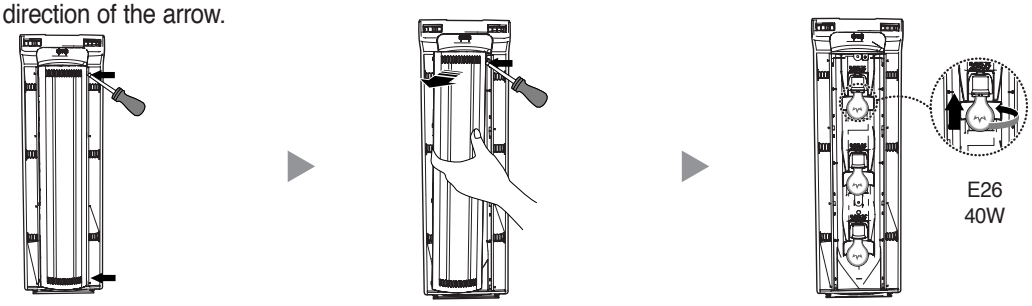
CHANGING THE INTERIOR LIGHT

WARNING Before changing the interior light, unplug the refrigerator from the power supply. If you have difficulty changing the light, contact your service center.

INTERIOR LIGHT IN THE REFRIGERATOR .

Upper

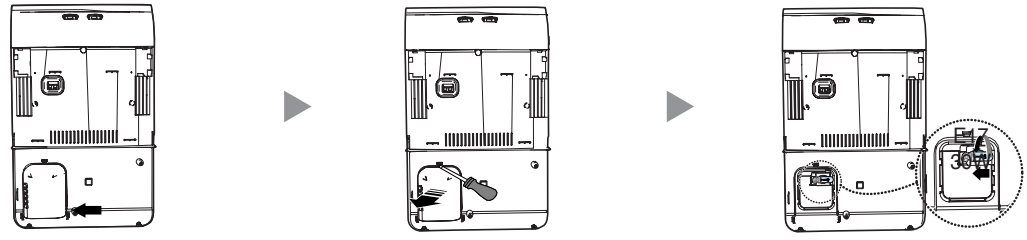
1. Place a flat screwdriver under the light cover hooks and push in the direction of the arrow.
2. Pull the cover in the direction of the arrow.
3. After changing the bulb, replace the light cover.



NOTE Replacement bulbs for both freezer and fridge are available from your local home improvement or electronics store. Use replacement bulb size E26, maximum 40 watts.

Lower (RS277**)

1. Place a flat screwdriver under the light cover hooks and push in the direction of the arrow.
2. Change the bulb with a new one.
3. After changing the bulb, replace the light cover.

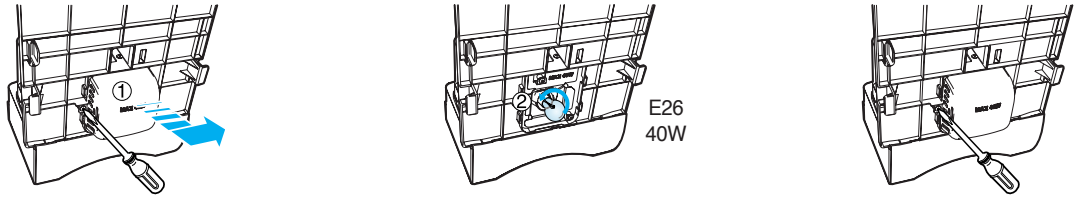


NOTE Replacement bulbs for both freezer and fridge are available from your local home improvement or electronics store. Use replacement bulb size E17, maximum 30 watts.

INTERIOR LIGHT IN THE FREEZER.

The freezer light is located in the bottom of the auger motor case.

1. Use a screwdriver(+) to remove the screw (①).
2. Change the bulb with a new one (②)
3. Reattach the light cover



NOTE Replacement bulbs for both freezer and fridge are available from your local home improvement or electronics store. Use replacement bulb size E26, maximum 40 watts.

WATER FILTER

The water "Filter Indicator" light

- "Filter Indicator" light lets you know when it is time to change your water filter cartridge. The light will change from green to orange. This tells you that it is almost time to change the current cartridge. We recommend that you replace the cartridge when the light changes to red. (see "Install the water filter" section for more information)
- When you install the water filter, throw away the first six glassfulls of water filter, or until water flows clearly to flush impurities in the water supply system.

Using the dispenser without the water filter

- You can not use the water and ice dispenser without a water filter cartridge because the water line blocks the water supply.

Ordering Replacement Water Filter

- For replacement waster filter you can visit your local home center or contact the Samsung Parts distributor. blocks the water filter has the SAMSUNG logo on the box and the water filter.

  Link : http://www.samsungparts.com

DOORS

The refrigerator doors have a special door opening and closing feature to make sure that they close all the way and are securely sealed.

When opening the door, it will only open to 135º. After reaching a certain point, it will remain open.

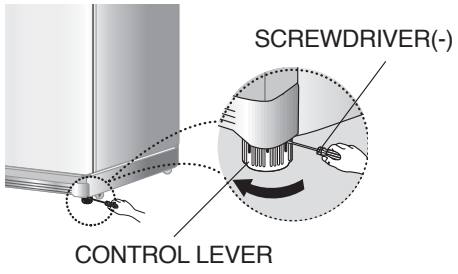
When the door is partially open, it will close automatically.

The refrigerator should be properly installed & leveled.

INSTALLATION OF THE REFRIGERATOR

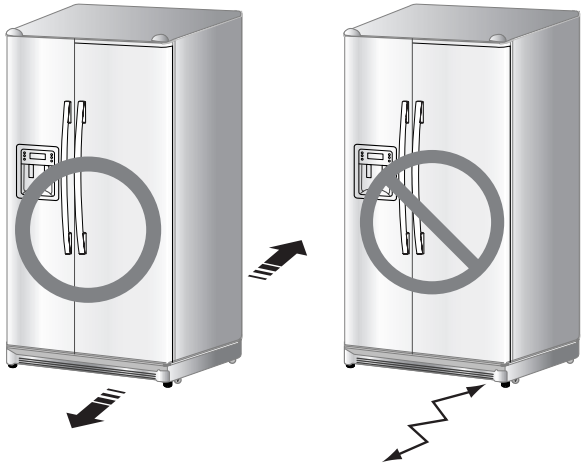
When moving your refrigerator

To prevent floor damage be sure the front leveling legs are in the up position (above the floor).
Refer to 'Leveling the refrigerator' in the manual(at page 24)



CAUTION

When installing, servicing, or cleaning behind the refrigerator, be sure to pull the unit straight out and push back in straight after finishing. Also, make sure your floor supports the full-load refrigerator. Otherwise, it may cause floor damage.



INSTALLATION OF THE REFRIGERATOR

Checking the Dimensions of your Entrance Door

Check the dimensions of your entrance door to determine whether the refrigerator can pass through it.

Model			RS275 / RS277
Capacity (liter)			750
Dimension (centimeter)	Width		91.12
	Case Height	without Hinge	174
		with Hinge	178
	Depth	with door	86
		without door	78

Selecting the Location for the Refrigerator

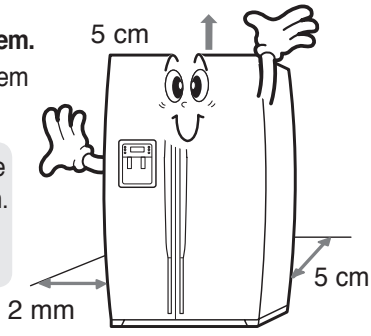
- Select a location with easy access to the water supply.
- Select a location with enough space for the refrigerator.
- Select a location which is not exposed to sunlight.
- Select a location with level floor.

NOTE

- Before disassembling the freezer door, the water supply line needs to be disconnected. (If not, the water supply line can be damaged.)
- See "Separating the water supply line from the refrigerator" on the next page.

Allow sufficient space to circulate the air in the internal cooling system.

- If the refrigerator does not have enough space, the internal cooling system may not work correctly.

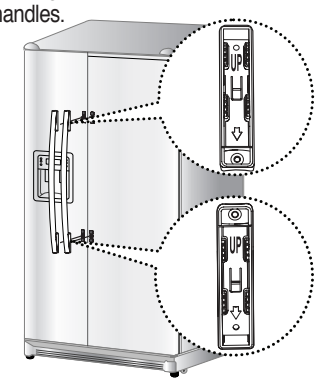


NOTE

- Allow clearance to the right, left, back and the top when installing the refrigerator. This has the advantage of reducing power consumption.
- Do not install the refrigerator where the temperature will go below 10°C.

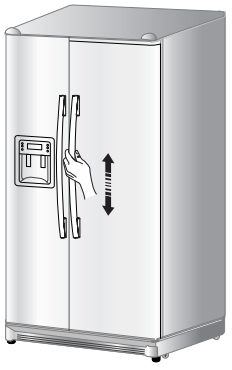
How to assemble the separable door handle

1 - Make sure the "UP" mark on the rear of the handle is facing right side up.
- Match the upper and lower Handle Locking Tabs on the doors to the handles.



2 Fix the handles to the doors by sliding them down firmly.

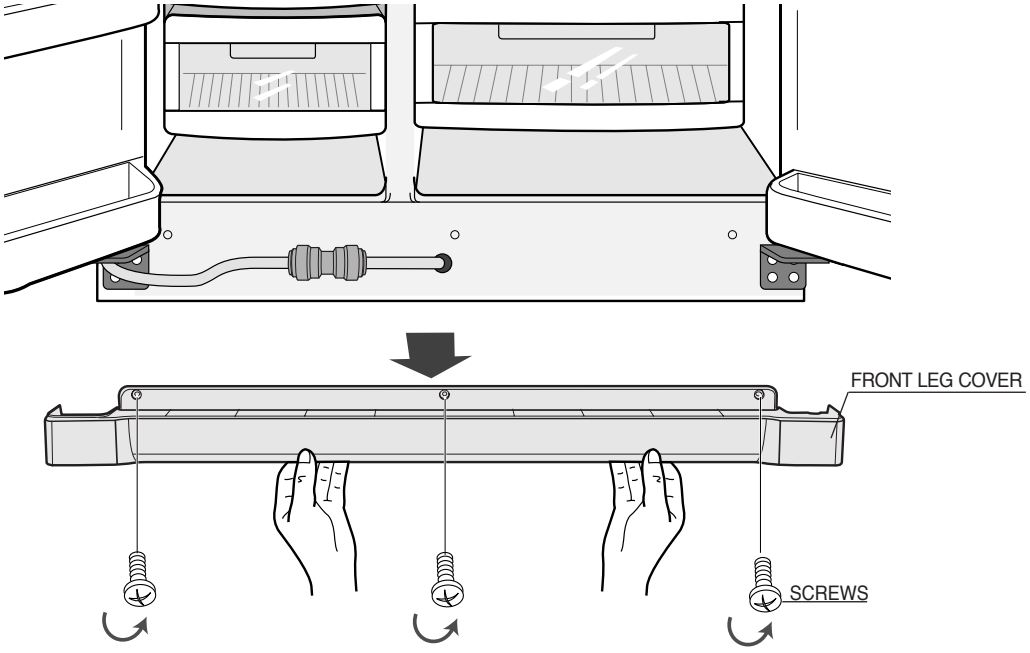
3 - Check the installation of the handles by pulling them.
- If the handles are inserted properly, they should not move.



REMOVING THE REFRIGERATOR DOORS

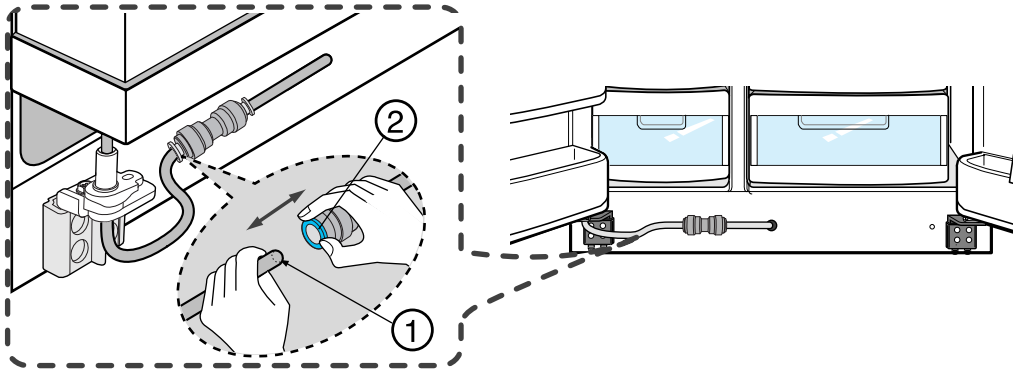
Removing the Front Leg Cover

Open the freezer and refrigerator doors, and then take off the Front Leg Cover by turning the three screws counter-clockwise.



Separating the Water Supply Line from the Refrigerator

Remove the water tube by pressing the coupler (②) and pulling the water tube (①) away.



NOTE Do not cut the water tube. Separate it from the coupler.

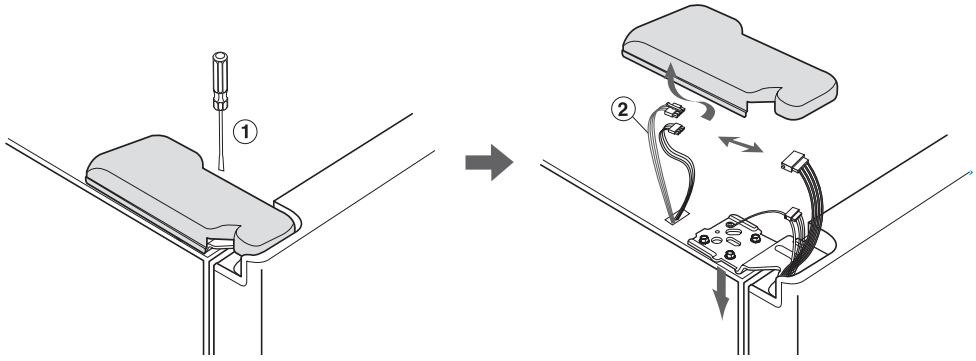
REMOVING THE REFRIGERATOR DOORS

NOTE

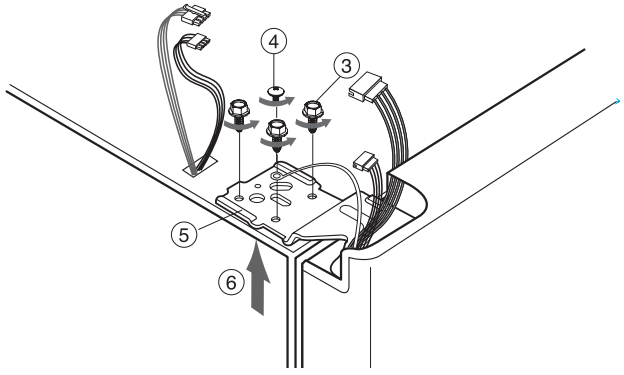
- Lift the door straight up.
- Be careful not to pinch the water tubing and wire harness on the door.
- Place the doors on a protected surface.

Removing the Freezer Door

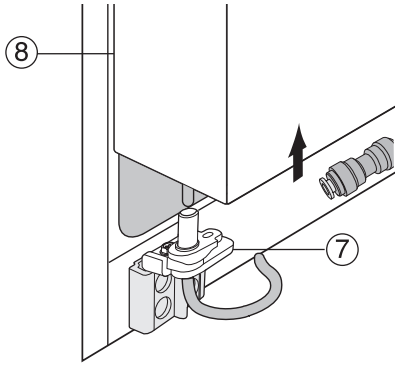
1) With the door closed, remove the upper hinge cover (①) using a screwdriver, and then disconnect the wires (②).



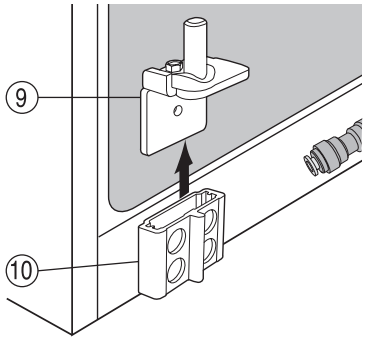
2) Remove the hinge screws (③) and ground screw (④) counter-clockwise, and take off the upper hinge (⑤) in the direction of the arrow (⑥). Be careful when removing the door to ensure that it does not fall on you.



3) Remove the door from the lower hinge (⑦) by carefully lifting the door (⑧).



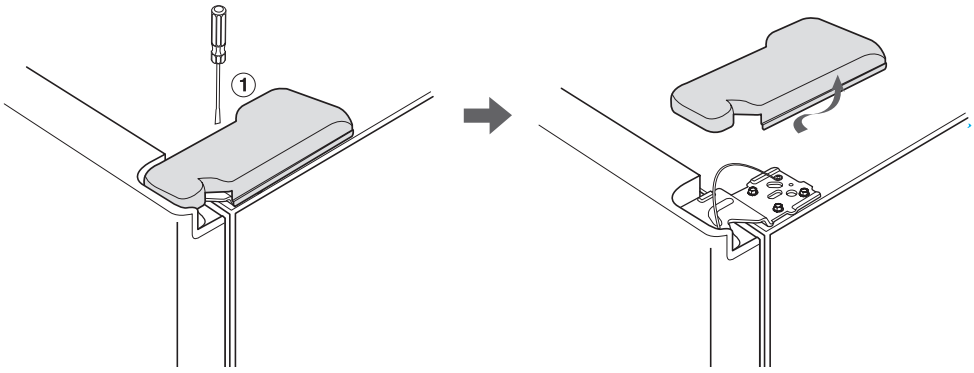
4) Remove the lower hinge (⑨) from the lower hinge bracket (⑩) by lifting the lower hinge (⑨) in the direction of the arrow.



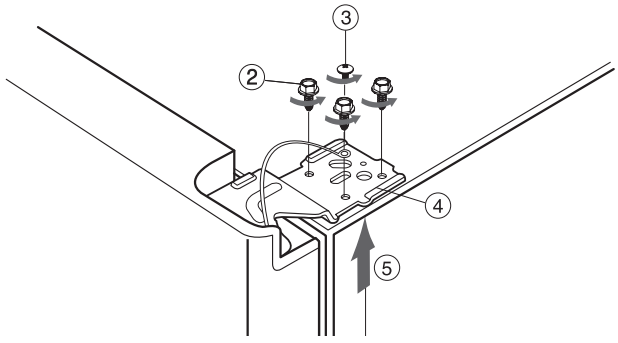
REMOVING THE REFRIGERATOR DOORS

Removing the Refrigerator Door

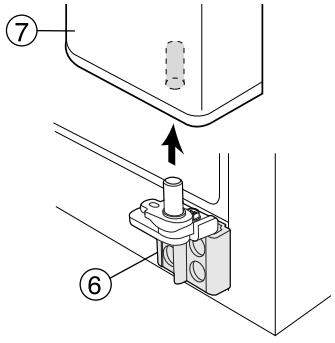
1) With the door closed, remove the upper hinge cover (①) using a screwdriver



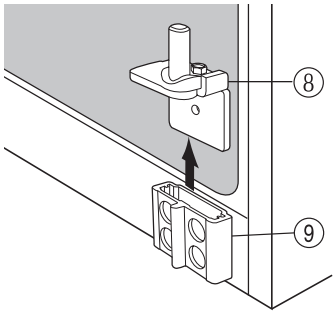
2) Remove the hinge screws (②) and the ground screw (③) counter-clockwise, and take off the upper hinge (④) in the direction of the arrow (⑤). Be careful when removing the door to ensure that it does not fall on you.



3) Remove the door from the lower hinge (⑥) by lifting the door (⑦).



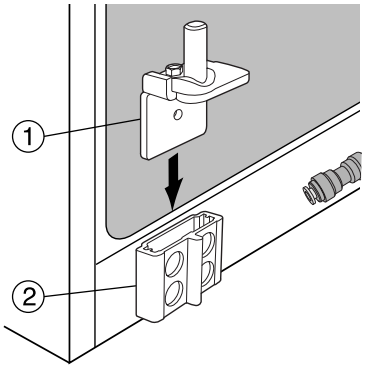
4) Remove the lower hinge (⑧) from the bracket (⑨) by lifting the lower hinge (⑧)



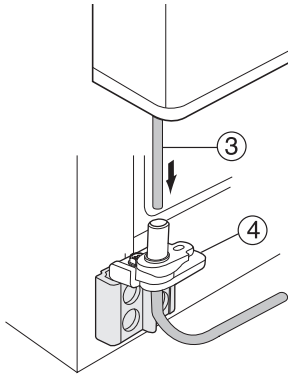
REATTACHING THE REFRIGERATOR DOORS

Reattaching the Freezer Door

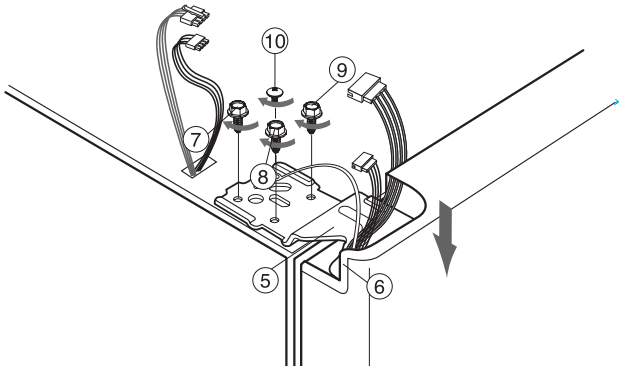
1) Insert the lower hinge (①) in the lower hinge bracket (②).



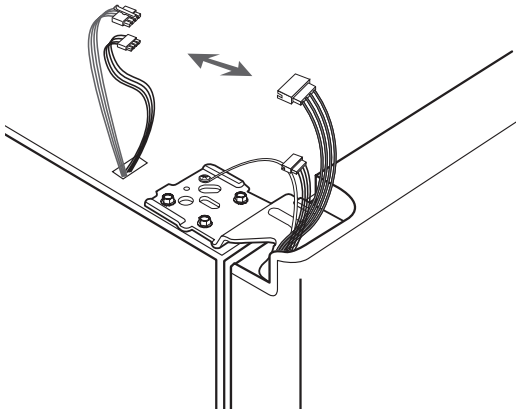
2) Reattach the freezer door by inserting the hose (③) in the lower side of the door into the hole in the lower hinge (④) and pulling the hose down.



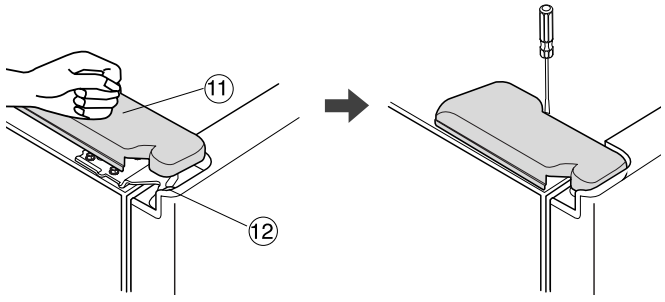
3) Insert the upper hinge shaft (⑤) into the hole (⑥). After leveling between the upper hinge hole (⑦) and the hole of the cabinet (⑧). Put the hinge screws (⑨) and the ground screw (⑩) back by turning the screws in the clockwise direction.



4) Connect the wires.



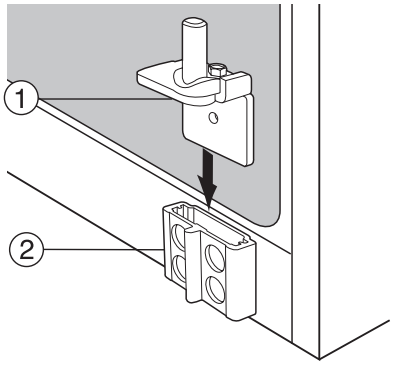
5) Put the front part of the upper hinge cover (⑪) on the front part of the upper hinge (⑫) and reattach the front part of the upper hinge cover first.



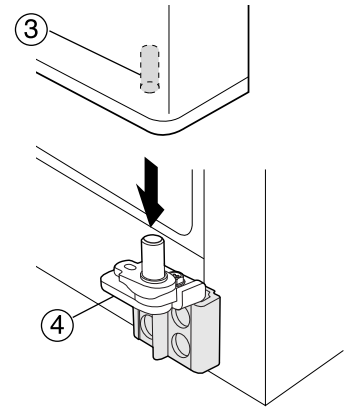
REATTACHING THE REFRIGERATOR DOORS

Reattaching the Refrigerator Door

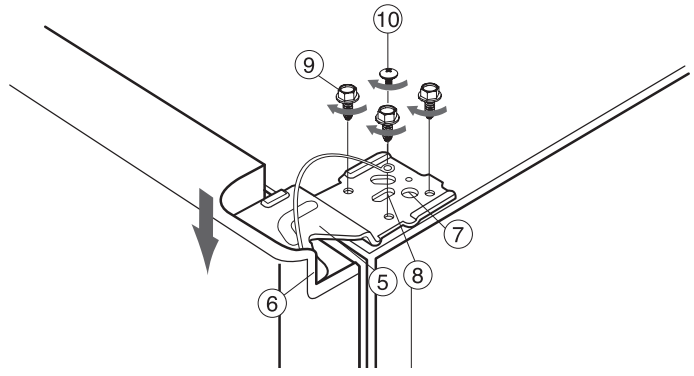
1) Insert the lower hinge (①) in the lower hinge bracket((②).



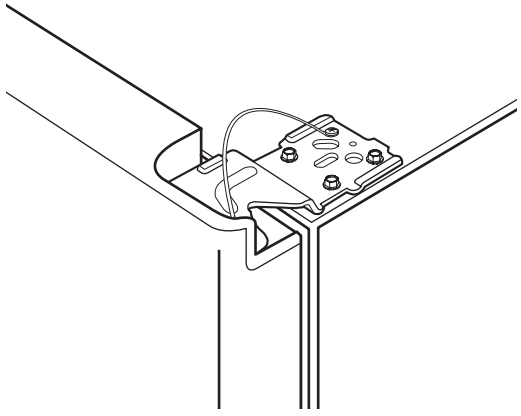
2) Align the hole in the refrigerator door (③) with the lower hinge (④).



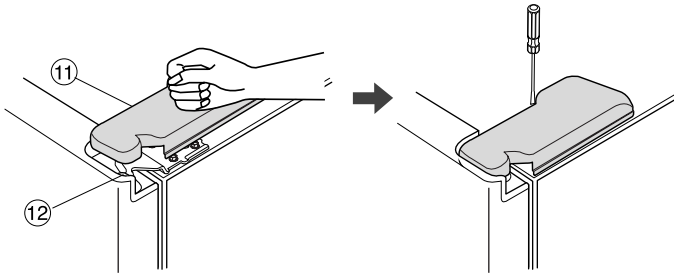
3) Insert the upper hinge shaft (⑤) into the hole (⑥). After aligning the upper hinge hole (⑦) with the hole of the cabinet (⑧),put the hinge screws (⑨) and the ground screw (⑩) back by turning the screws in the clockwise direction.



4) Connect the wires.



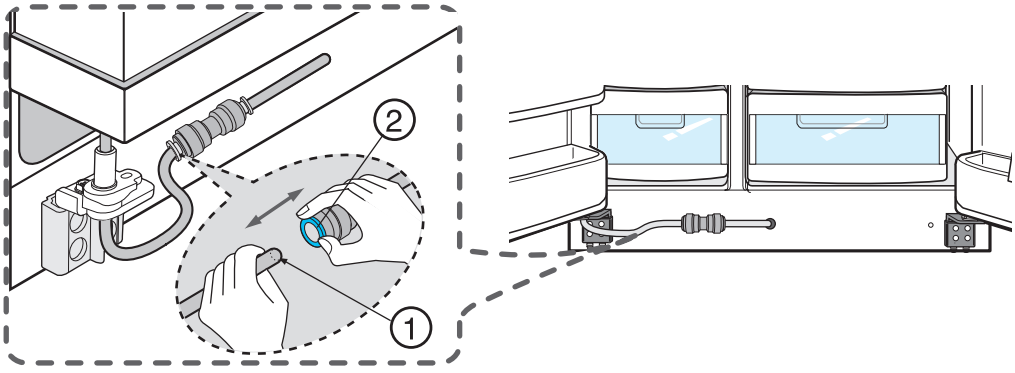
5) Put the front part of the upper hinge cover (⑪) on the front part of the upper hinge (⑫) and reattach it from the front part of the upper hinge cover first.



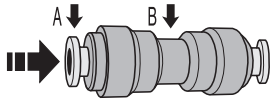
REATTACHING THE REFRIGERATOR DOORS

Reattaching the Water Supply Line

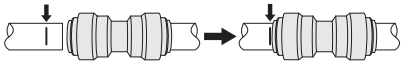
While pressing the front face of the coupler (②), insert the water line (①) in the coupler.



Push the "A" collar to the "B" body and hold.



Then pull tube from the connector.

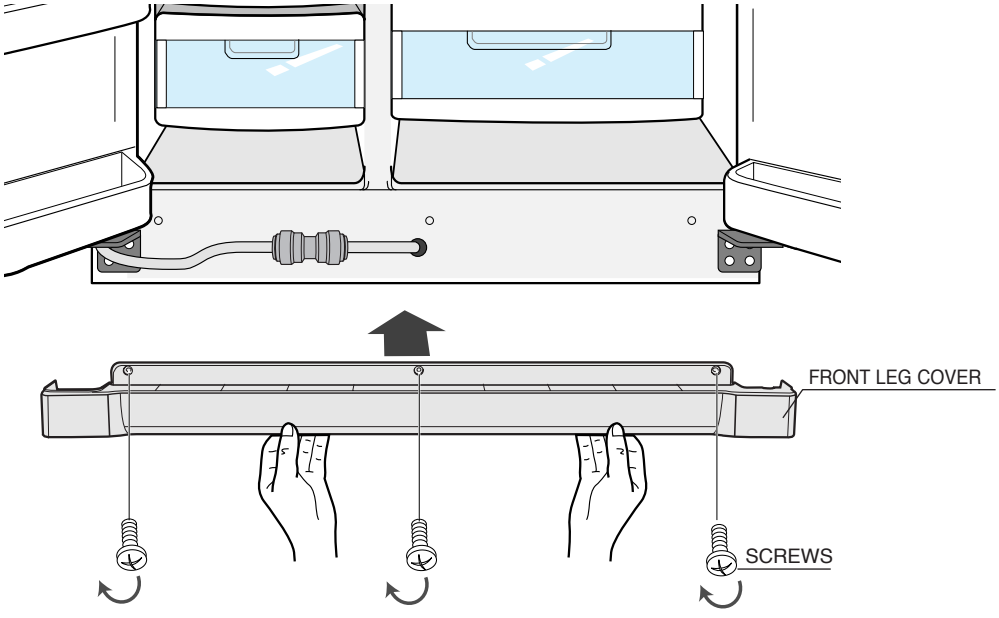


NOTE Tube must be fully inserted to the marked line to avoid leaks.

Reattaching the Front Leg Cover

Put on the Front Leg Cover cover by turning the three screws clockwise, as shown in the figure.

NOTE Before attaching check water connector, be sure to check for leakage.



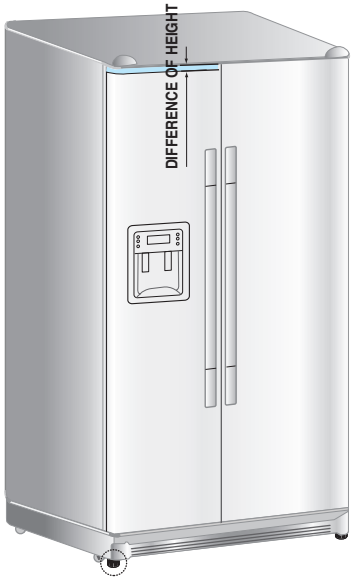
LEVELING THE REFRIGERATOR

Make sure the refrigerator is level before adjusting its doors.

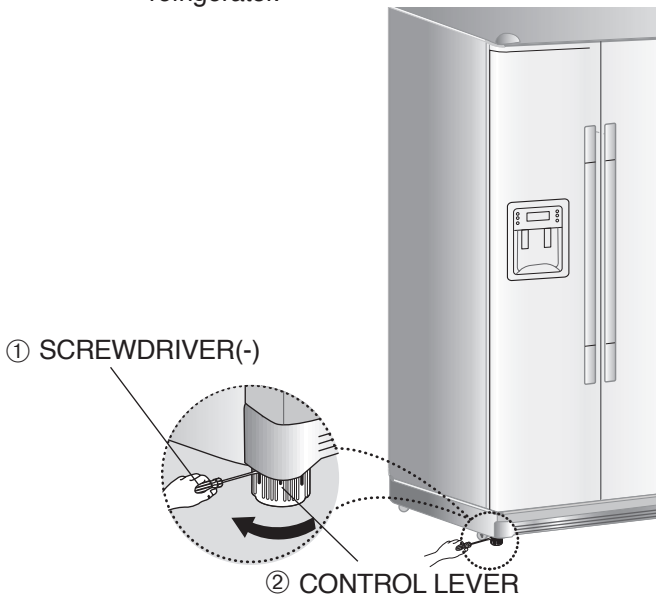
The doors will be uneven if the refrigerator is not level.

NOTE The front of the refrigerator is adjustable.

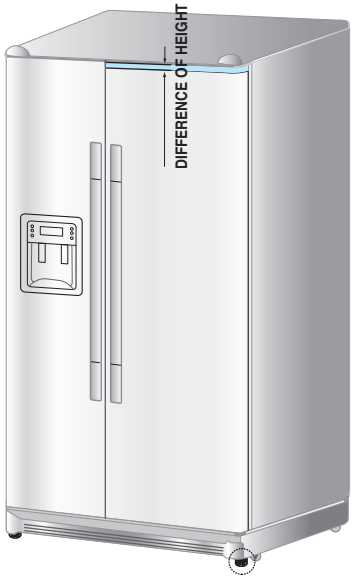
Case 1) Freezer door is lower than the refrigerator door



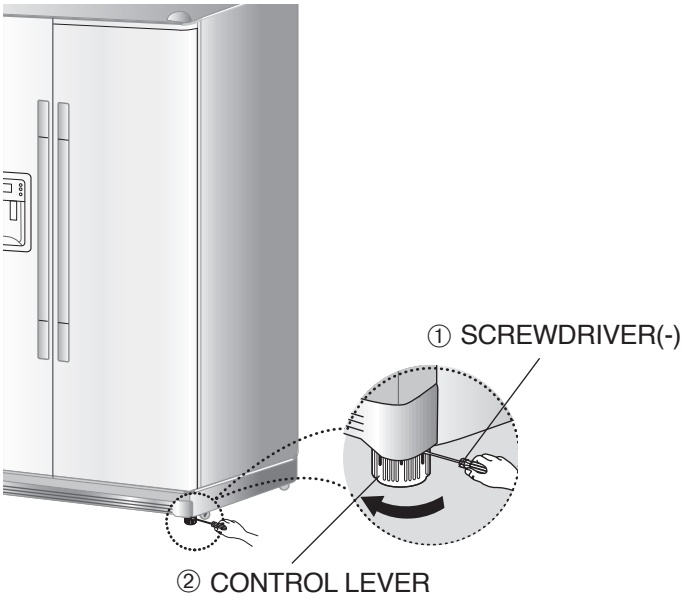
Insert a flat-blade screwdriver (-) (①) into a slot of the control lever (②), turn it clockwise and level the refrigerator.



Case 2) Freezer door is higher than the refrigerator door



Insert a flat-blade screwdriver (-) (①) into a slot of the control lever (②), turn it clockwise and level the refrigerator.



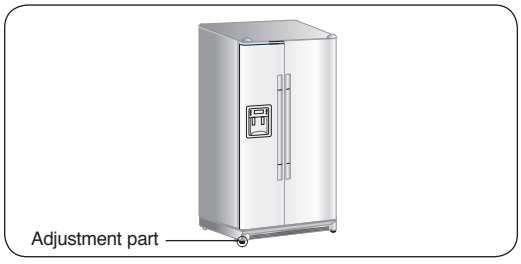
NOTE Do not make small adjustments with the control lever. Please refer to the next page.

ADJUSTING THE CLEARANCE BETWEEN THE DOORS

NOTE Level the refrigerator first.

Making small adjustments between doors.

If the door of the freezer is lower than that of the refrigerator.



If the door of freezer is higher than that of the refrigerator.

Please open the doors and adjust them as follows:

1) Release the nut (①) on the lower hinge until it reaches the upper end of the bolt (②).

NOTE When you release the nut (①), use enclosed hex wrench (③) to turn the bolt(②) in a slightly counterclockwise direction. This will enable you to loosen the nut(①) with your fingers.

2) Please adjust the height difference between the doors by turning the bolt (②) clockwise ( ) or counter clockwise ( ).

NOTE When you turn clockwise ( ), the door goes up.

3) After adjusting the doors, turn the nut clockwise ( ) until it reaches the lower end of the bolt, then tighten the bolt again with the wrench (③) to fix the nut(①).

NOTE If you do not fix the nut (①)firmly, the bolt (②) may be released.

CHECKING THE WATER DISPENSER LINE

1) For the ice maker to operate properly, water pressure of 20 ~125 psi is required.
In this range, a 170 cc (5.74 ounces) paper cup can be filled in 10 secs.

2) The water filter removes foreign particles. It does not sterilize or destroy any micro-organisms.

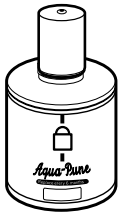
3) If the refrigerator is installed in an area with low water pressure (below 20psi), you should install a booster pump to compensate.

4) Ensure the water storage tank inside the refrigerator is properly filled initially. Push the water dispenser lever until the water runs from the outlet.

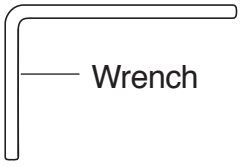
NOTE A Water line installation kit is available at extra cost from your dealer. The refrigerator manufacturer recommends that you use a water supply kit containing copper tubing.

Checking the Parts

Basic parts

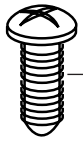


Water Filter

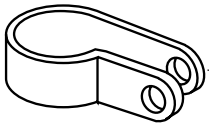


Wrench

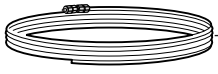
Optional parts



Tapping screw ×12EA



Clamp ×12EA

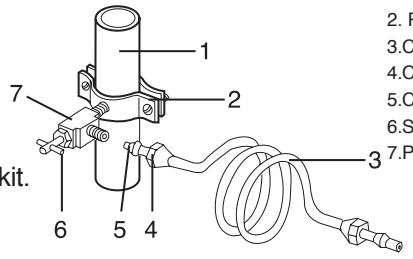


Water pipe

INSTALLATION OF THE WATER DISPENSER LINE

Connecting to water supply line

- Shut off the main water supply line and turn the Ice maker to the off position.
- Locate the nearest cold drinking water line.
- Follow the instructions in the ice maker installation kit.



1. Cold Water line
2. Pipe Clamp.
3.Copper (or Plastic) line
4.Compression Nut
5.Compression Sleeve
6.Shut Off Valve
7.Packing Nut.

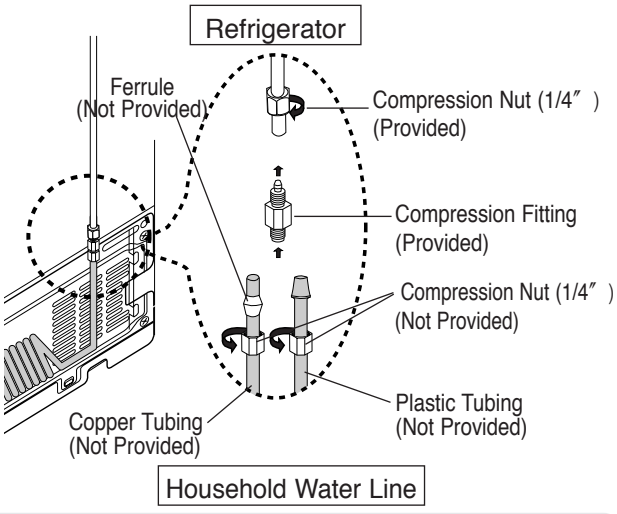
Connect the water line to the refrigerator.

1) Slip the compression nut through the provided plastic tubing.
2) Tighten the compression nut onto the 1/4" compression fitting.

NOTE Do not overtighten the compression nut.

- Using Copper Tubing
  - Slip the compression nut and ferrule on copper tubing as shown.
- Using Plastic Tubing
  - Insert the molded end of the plastic tubing into the compression fitting.

3) Tighten the compression nut onto the compression fitting.
4) Turn water on and check for any leakage.



NOTE Water line must be connected to drinkable water only.
Cut off 1/4 inch of the provided plastic tubing squarely to prevent leaks when reconnecting.

Check the water supply line

Connect the water pipe with coupler and tap.

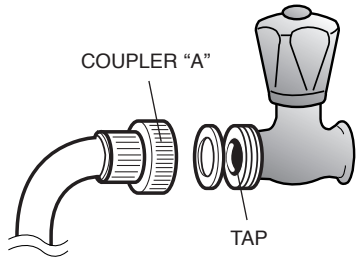
- Close the main water tap.
- Connect coupler "A" to the tap.
- Every joint should be protected with sealing tape.

WARRANTY INFORMATION
This water line installation is not covered by the refrigerator or-ice maker manufacturer's warranty. Follow these instructions carefully to minimise the risk of expensive water damage.

Note:
If the coupler does not fit on the current tap, go to the nearest authorised service dealer and purchase the right couplers fittings.

CAUTION

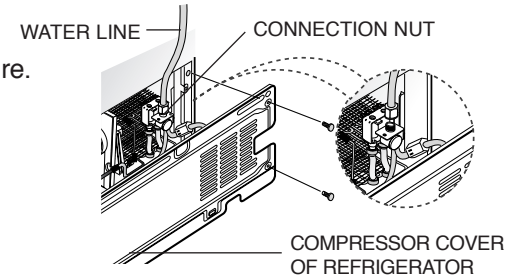
The water line must be connected to the cold water pipe. If it is connected to the hot water-pipe, it may cause the purifier to malfunction.



INSTALLATION OF THE WATER DISPENSER LINE

Connect the water line to the refrigerator.

- Remove the compressor cover of the refrigerator.
- Connect the water line to the valve, as shown in the figure.
- When connected, check if there is any leakage.
  If any, re-seal the connection.
- Reattach the compressor cover of the refrigerator.

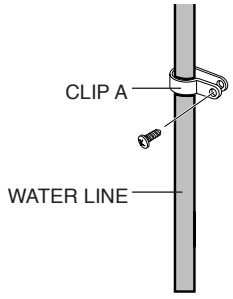


Secure the water line.

- Using clip ”A”, fix the water line to the wall or the back of refrigerator.
- When the water line is secure, make sure that the
  water line is not excessively bent, pinched or squashed.

Complete the installation of the water supply line.

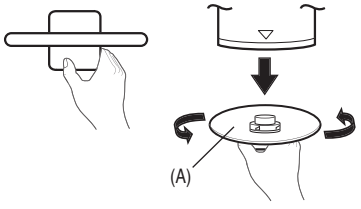
- Power on the refrigerator and press the lever on the right of the dispenser until water runs out through the water line and all air has been cleared from the water line.
- At this time, check for any possible leakages at the joints in the water line.
  After securing the water line, move the refrigerator to the required location.
  Once the refrigerator is in position, do not move it if possible.



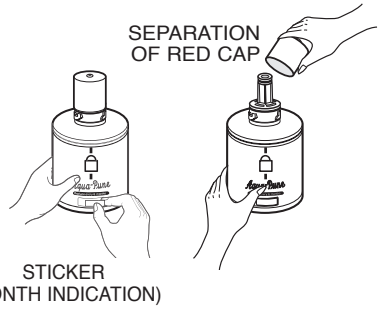
Install the water filter.

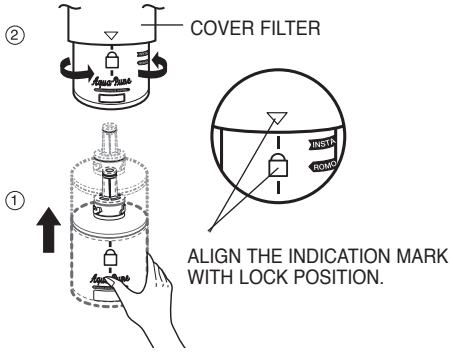
1) Remove the fixed cap (A) as shown. the fixed cap can be separated from the Water Filter Compartment by rotating it counterclockwise. Remove the water filter from the box and put a month indicator sticker on the filter as shown.

NOTE Keep the cap(A) in a safe place for the future (to put it back in place when you don’t need to use the filter).



2) If the water filter was installed in March, put on the "SEP" sticker.
3) Remove the Red protective cap from the filter, then position and insert the filter as shown.
4) Slowly turn the water filter counter clockwise 90º to align the indication mark on the cover, locking the filter in position. Do not overtighten.



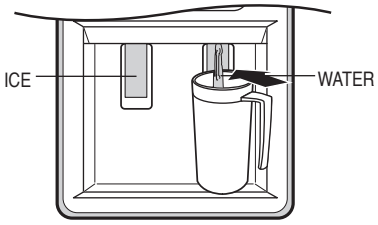


NOTE Please check that the indication line aligns with the lock position.

INSTALLATION OF THE WATER DISPENSER LINE

Remove any residual matter inside the water supply line after installing the filter.

1) Turn on the main water supply & shut-off the valve of the water supply line.
2) Run water through the dispenser until the water runs clear (6~7 minutes). This will clean the water supply system and clear air from the lines.
3) Additional flushing may be required in some households.
4) Open the refrigerator door and check if water leaks around the water filter.

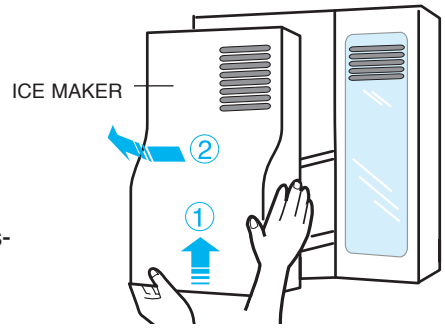


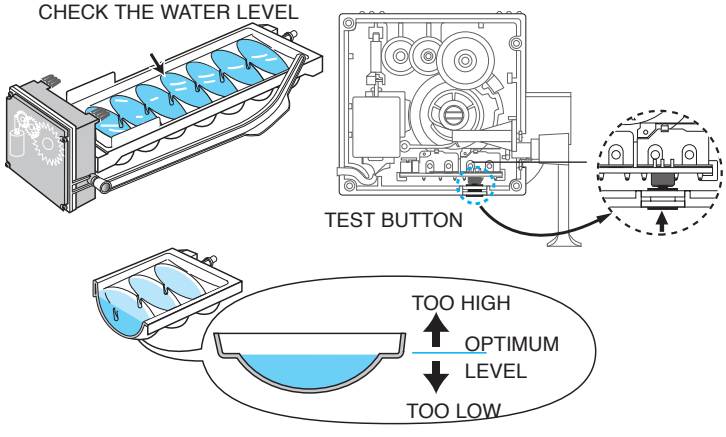
NOTE

- A newly-installed water filter cartridge may cause water to briefly spurt from the dispenser.
- Before reinstalling the water filter, remove the wine shelf (RS277).

Check the amount of water supplied to the ice tray.

1) Lift (①) and pull out (②) the ice maker bucket in the freezer.
2) When you press the test button, the ice cube container is filled with water from the water supply tap.
   Check the amount of water (see the illustration below).
   If the water level is too low, the ice cubes will be small.
   This is not a problem with the ice maker but of the water pressure in the pipe, and occurs frequently.
   When this problem occurs, contact a service person to check the amount of water supplied.
3) In case ice doesn't come out, pull out the ice bucket and press test button located on the bottom of ice maker.





TROUBLESHOOTING

The refrigerator does not work at all or it does not chill sufficiently

- Check that the power plug is properly connected.
- Is the temperature control on the display panel set to the correct temperature? Try setting it to a lower temperature.
- Is the refrigerator exposed to direct sunlight or located near a heat source?
- Is the back of the refrigerator too close to the wall?

The food in the refrigerator is frozen

- Is the temperature control on the display panel set to the correct temperature? Try setting it to a warmer temperature.
- Is the temperature in the room too low?
- Did you store food with a high water content in the coldest part of the refrigerator?

You hear unusual noise or sounds

- Check that the floor is leveled and stable.
- Is the back of the refrigerator too close to the wall?
- Was anything dropped behind or under the refrigerator?
- A “ticking” sound may be heard from inside the refrigerator, this is normal. This occurs because various accessories are contracted or expanded.

The front corners and sides of the cabinet are hot; condensation occurs.

- Anti-condensators are installed in the front corners of the refrigerator to prevent condensation.
- Condensation can occur when you leave the door open for a long time.

Ice is not dispensed

- Did you stop the ice making function?
- Is there any ice in the ice storage unit?
- Is the water line connected and the shut-off valve open?
- Is the freezer temperature too warm? (Set the temperature lower)
- Did you wait for 12 hours after installing the water supply line before making ice?

You can hear water bubbling in the refrigerator

- The bubbling comes from the refrigerant circulating in the refrigerator and is normal.

There is a bad smell in the refrigerator

- Wrap strong smelling food so that it is airtight.

  Throw away any rotten food.

Frost forms on the walls of the freezer

- Is the air vent blocked?
- Allow sufficient space between the foods stored for efficient air circulation.
- Is the door closed properly?

No water is supplied

- Is the water line connected and the shut-off valve open?
- Is the water supply line crushed?
- Is the water tank frozen because the refrigerator temperature is too low? Select a warmer setting on the display panel.

IN CASE THE NEED FOR SERVICING ARISES

Do not hesitate to call any Samsung Authorized Service Center nearby giving them your name, address and telephone number when your product is not functionning properly.

WARRANTY INFORMATION

Limited Warranty for Original Purchaser

This Samsung product is warranted by Samsung Electronics Canada, Inc. (hereafter referred to as SECA) against manufacturing defects in material or workmanship for the following periods:

Labor : 1 year (in-home)
Parts : 1 year
Compressor : 5 year

SECA further warrants that if this product fails to operate properly within the specified warranty period and the failure is due to improper workmanship or defective material, SECA will repair or replace the product at its option.

All warranty repairs or part replacements must be performed by a SECA Authorized Service Center. (To find the nearest SECA Service Center, call 1-800-SAMSUNG (7267864) or visit our web site at www.samsung.com/ca)

Obligation to the Original Owner

The original dated sales receipt must be retained by the customer and is the only acceptable proof of purchase. It must be presented to a SECA Authorized Service Center at the time service is requested before warranty services are rendered. On all carry-in models, transportation to and from the Authorized Service Center is the responsibility of the customer.

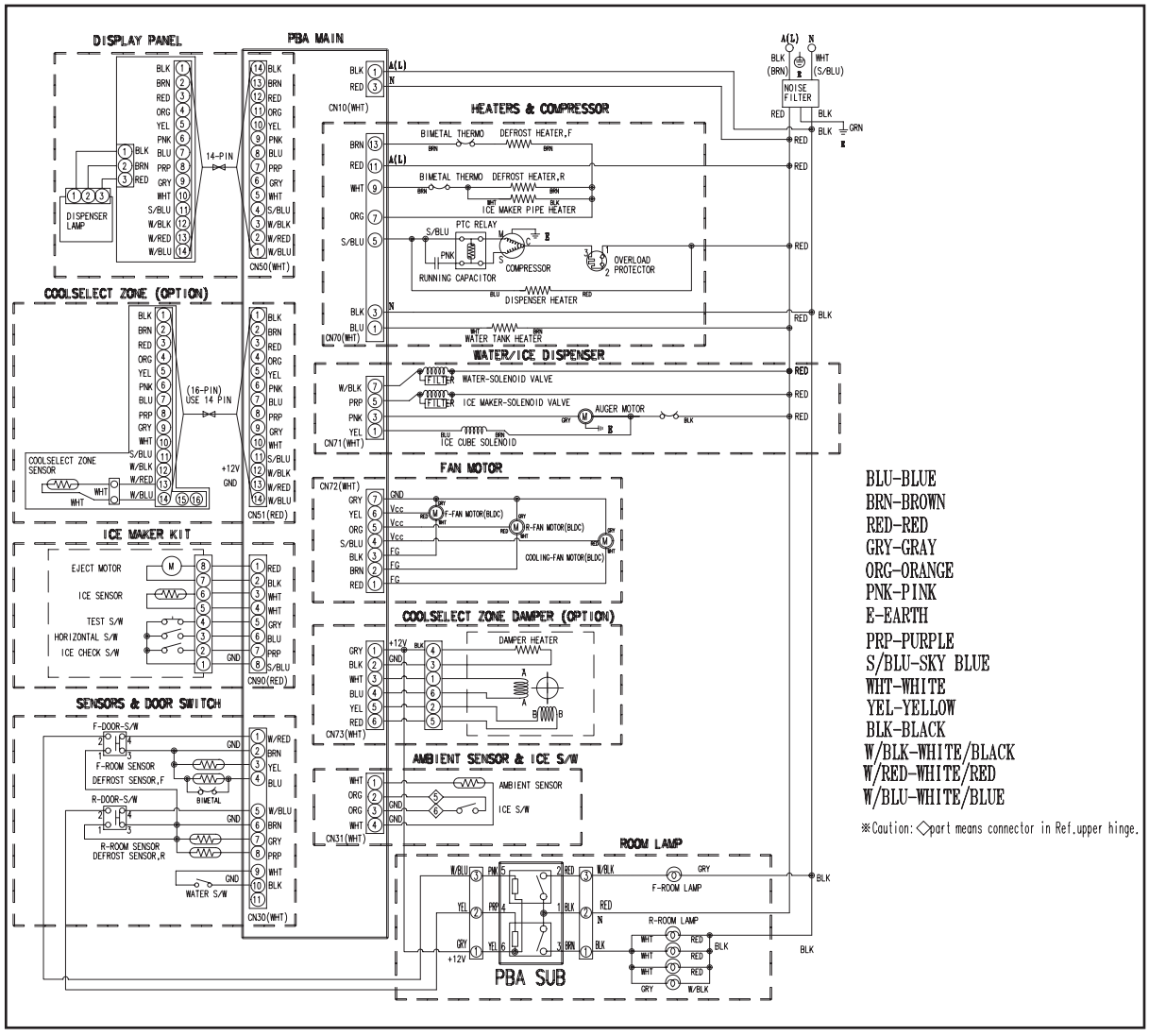
Exclusions of the Warranty

This warranty does not cover damage due to accident, fire, flood, and/or other Acts of God, misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use, or damage that occurs during shipping. Customer adjustments which are esplained in this owner s manual are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number. This warranty is valid only on products purchased and used in the Canada.

Samsung Electronics Canada Inc., Customer Service
55 Standish Court Mississauga, Ontario L5R 4B2
Canada

Customer Care Center 1-800-SAMSUNG(7267864)
Customer Care Center fax. (905) 542-1199

CIRCUIT DIAGRAM



If you have any questions or comments relating to Samsung products,
please contact the SAMSUNG customer care center.
SAMSUNG ELECTRONICS CANADA, INC.
55 STANDISH COURT MISSISSAUGA, ONTARIO L5R 4B2 CANADA
TEL : 905-542-3535 FAX : 905-542-3835
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